

Claims

1. Data bus for a plurality of nodes which exchange data telegrams with one another over at least one electric line characterized by the fact that the input signals of the star coupler are present in electrical form, that the star coupler contains a logical decision gate to whose inputs the outputs of the nodes are connected and to which the input signals are fed, and that the output of the decision gate is connected to the inputs of the nodes in a parallel manner.

2. Data bus according to Claim 1 characterized by the fact that at least one part of the nodes is connected via an optical transmission segment to opto-electrical transducers on the star coupler which are connected on the load side or on the line side.

3. Data bus according to Claim 1 or 2 characterized by the fact that a signal preparation circuit is disposed between the logical decision gate and the inputs of the nodes, said signal preparation circuit adjusting the output signal to the input signal with regard to pulse form.

4. Data bus according to one of the Claims 1 to 3 characterized by the fact that additional logical decision gates are disposed between the output of the signal preparation circuit and at least one part of the nodes.

add
a1

Clean Specification
PCT/EP99/01177

1/1

Modul = module

00545005-141300